

1 obtaining a storage key;
2 encrypting the information using the storage key;
3 associating the access predicate with the encrypted information;
4 storing the storage key in a key vault provided by a third-party;
5 recovering the storage key from the key vault; and
6 selecting the key vault from a plurality of key vaults provided by an
7 authenticated operating system.

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9 26. (New) A computer system comprising:
10 a processing unit;
11 a system memory coupled to the processing unit through a system bus;
12 a computer-readable medium coupled to the processing unit through a
13 system bus; and
14 an authenticated operating system configured to execute on the processing
15 unit from the computer-readable medium, the authenticated operating system
16 causing the processing unit to encrypt downloaded information using a storage key
17 based on a seed value.

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19 27. (New) The computer system of claim 26, wherein the authenticated
20 operating system further causes the processing unit to encrypt an access predicate
21 associated with the downloaded information using an operating system storage
22 key, to encrypt the seed value for the storage key using the operating system
23 storage key, and to associate the encrypted access predicate with the encrypted
24 seed value.
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